

**Industrial & Systems Engineering Department
Faculty of Engineering, NUS**

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The Logistics Institute - Asia Pacific

A Collaboration Between
National University of Singapore & Georgia Institute of Technology

Cordially Invites You to

**Workshop on
Understanding Best Approaches for Your Optimization Needs**

Friday, 3 December 2004

2.00 pm ~ 4.00 pm

LT 4

**Faculty of Engineering, 9 Engineering Drive 1, NUS
(<http://www.nus.edu.sg/campusmap/>)**

About the Speaker

Irv Lustig, Ph.D., Senior Technical Account Manager, ILOG



Dr. Irv Lustig has been involved in the operations research community for over 15 years. Dr. Lustig is manager of technical services for ILOG Direct. Prior to his current role, he was a member of the CPLEX development team, where he was responsible for all CPLEX presolve and barrier algorithms. Dr. Lustig has taught at Princeton University, is a member in good standing of INFORMS and MPS and is a past chairperson for the INFORMS Computing Society. Dr. Lustig is currently a candidate for the office of President of INFORMS.

About the Workshop

Topic 1:

ILOG CPLEX Robustness

Learn about the importance of robustness in evaluating technologies and in measuring optimizer performance, and find out what you can do to add robustness to your applications. Performance is the most frequent criterion used in selecting an optimizer, and while performance is often interpreted as meaning speed and speed alone, it has a second, equally important component: robustness. Robustness can manifest itself both numerically and in the consistency of solution times. We will examine the various aspects of this issue, including those measures available to users to help achieve added robustness in their applications".

Topic 2:

Methods for Embedding ILOG CPLEX

Get an overview of the various methods for embedding ILOG CPLEX algorithms. Learn which approach is best suited for your specific optimization application development needs: ILOG CPLEX Callable Library, ILOG Concert Technology and ILOG OPL Studio. Understand the tradeoffs and benefits of each solution and get recommendations for specific application types. Jump-start your optimization application planning and development to really help you get the most out of your optimization application.

Program at a Glance

2.00 pm to 3.30 pm: Presentation by Dr. Irv Lustig
3.30 pm : Q&A Session & Networking cum Tea Reception

Invitation

This invitation is extended to:

- NUS Faculty Members, Research Staff and Students
- ORSS members
- Members of TLI-Asia Pacific Supporting Government Agencies
- Members of the Logistics Industry & Professions
- TLI - Asia Pacific Faculty Members, Research Staff and Dual MSc. Students

**· Admission is Complimentary · Snacks & Beverages will be Served ·
·Dress code is office attire/casual·**

We Look Forward to Your Participation